



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

DEC 09 2002

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EPA REGION VI

VIA FEDERAL EXPRESS: 8220 0515 8452

SSIC Remediation, L.L.C.
c/o Atty. Michael A. Chernenkoff
Jones Walker
201 St. Charles Avenue, 50th Floor
New Orleans, LA 70170-5100

VIA FAX & CERTIFIED MAIL-RETURN RECEIPT REQUESTED: 7000 5020 0022 2560 7543

Mr. Louis Smaihall
Owner/President
SBA Shipyards, Inc.
P.O. Box 1386
Jennings, LA 70546

Re: *Order and Agreement ("Agreement") for Interim Measures/Removal Action ("IM/RA") of Hazardous/Principal Threat Wastes at SBA Shipyards, Inc., Jennings, LA, EPA ID No. LAD008434185 ("SBA") pursuant to Section 3008(h) of the Resource Conservation and Recovery Act ("RCRA"), 42 U.S.C. § 6928(h). Docket No. RCRA-6-2002-0908.*

Dear Messrs. Chernenkoff and Smaihall:

The U.S. Environmental Protection Agency, Region 6 ("EPA") has identified elevated levels of certain contaminants in waste, soil, subsoil, and ground water media at SBA. This contamination resulted from historic clean-out operations at SBA conducted within barges and ships for or on behalf of members of SSIC Remediation, L.L.C. ("SSIC") and others. The clean-out residues were placed in tanks, two (2) impoundments and a land farm.

Samples were obtained from the area at SBA identified hereinafter as the SBA South Operable Unit ("SBA-SOU"), including samples of soil and subsoil media, and of tank and impoundment contents. The SBA-SOU shall be defined as all SBA property generally south and west of the line identified as "Lease Line of Property by Others" on the attached Statement of Work ("SOW"), Figure 1: Facility Plot Plan. The SBA-SOU soil and subsoil media samples contained concentrations of anthracene, chrysene, fluoranthene, phenanthrene, methylene chloride, and chromium exceeding the EPA Region 6 Media Specific Screening Levels.¹ Certain of the SBA-SOU tank and impoundment samples exceeded the Toxicity Characteristic Regulatory Limits for benzene and vinyl chloride. Most of the contamination of interest for the IM/RA described in the attached SOW exists in and around the areas noted in SOW Figure 1 as oil pit, oily material tanks, partially buried barge.

Ground water samples were obtained from the area at SBA identified hereinafter as the SBA Ground Water Operable Unit ("SBA-GWOU"). The SBA-GWOU, at a minimum, follows the areal extent of the SBA-SOU and may incorporate additional subsurface lateral extent as a function of ground water flow and contamination patterns. The SBA-GWOU ground water samples contained non-aqueous phase liquids and concentrations of benzene exceeding the maximum contaminant level ("MCL") for drinking water.

¹The EPA Region 6 Media Specific Screening Levels are available on the world wide web at http://www.epa.gov/earth1r6/6pd/rcra_c/pd-n/screen.htm.



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The elevated contaminant levels in the SBA-SOU soil and subsoil and in the SBA-GWOU ground water constitute a release of hazardous constituents to the environment. In accordance with Section 3008(h) of RCRA 42, U.S.C. 6928(h), EPA has the authority to issue an Order to require cleanup actions where the Agency has made a determination that there is a release of hazardous constituents into the environment from an interim status facility. SBA should have had interim status or a permit to store characteristic hazardous wastes in impoundments and operate a land farm. EPA believes that the presence of hazardous constituents in the environment at SBA presents a threat to human health and the environment. Consequently, cleanup actions at SBA are necessary to limit exposure for humans or organisms to these hazardous constituents.

EPA has reviewed the attached SOW, submitted by SSIC, and finds it acceptable for an IM/RA. SBA agrees to implement an IM/RA on the SBA-SOU to meet visual removal levels as outlined in the SOW, with SSIC project management assistance. Implementing activities described in the SOW will remove the hazardous/principle threat wastes and allow future long term remedial work at SBA to proceed safely. EPA intends to pursue future long-term remedial work at the SBA facility, under a subsequent agreement to be finalized within three (3) years.

I. Requirements, Studies, and Documents Incorporated by Reference

SBA shall implement all parts of the SOW which is incorporated by reference into this Agreement and SSIC shall fund and assist in management of that implementation. The parties recognize that the SOW requires studies and/or work plans be submitted to EPA for comment and/or approval. All such studies and work plans, upon approval by EPA, are deemed incorporated by reference into both this Agreement and the incorporated SOW. Any changes to the scope of the SOW, whether an increase or a decrease in scope of the SOW, must be in writing and must be agreed to by the Project Managers designated below.

II. Project Managers

EPA has designated a Project Manager to provide oversight for the activities in this Agreement. The EPA Project Manager shall be EPA's designated representative for remedial activities at the Facility and shall be:

Mr. Gene Keepper, CHMM
RCRA Project Manager
U.S. Environmental Protection Agency
Region 6 (6EN-HX)
1445 Ross Avenue, Suite 900
Dallas, Texas 75202-2733
Phone: 214-665-2280
Fax: 214-665-7264
E-mail: Keepper.Gene@epa.gov

SBA and SSIC have designated a joint Project Manager to oversee implementation of the SOW. The SBA/SSIC designated Project Manager is:

Mr. Michael E. Pisani, P.E.
Michael Pisani & Associates, Inc.
1100 Poydras Street
Energy Center
New Orleans, LA 70163
Phone: 504-582-2468
Fax: 504-582-2470
E-mail: m.pisani@ix.netcom.com

Unless otherwise provided herein, all communications between SBA/SSIC and the EPA, and all documents, reports, approvals, and other correspondence concerning the activities performed pursuant to the terms and conditions of this Agreement shall be directed through the Project Managers.

SBA/SSIC shall notify the EPA in writing of the name, title, and qualifications of any contractors or subcontractors and their personnel to be used in carrying out the terms of this Agreement within five (5) calendar days of the effective date of this Agreement, or within five (5) calendar days prior to such contract or subcontract.

III. Effective Date of this Agreement

SBA shall state its agreement to perform the activities in this Agreement, jointly with SSIC, by the signing by a responsible official on the signature line for SBA found below. SSIC shall state its agreement to perform the activities in this Agreement, jointly with SBA, by the signing by a responsible official on the signature line for SSIC found below. The original of this Agreement with the signatures for SBA and SSIC shall be returned to EPA within 45 calendar days of receipt of this Agreement. This Agreement is effective upon the signatures for both SBA and SSIC and the filing by EPA of the original Agreement containing the signatures for EPA, SBA, and SSIC with the Regional Hearing Clerk, U.S. Environmental Protection Agency, Region 6.

IV. Work

EPA acknowledges that the work performed at this facility in accordance with this Agreement would achieve programmatic parity, avoid duplication and delay, and achieve substantive consistency between remedial programs as described in the NPL/RCRA deferral policy (54 FR 41000).

V. Contribution Protection

The parties agree, and by entering into this Agreement EPA intends, that SBA, its President, Mr. Louis Smaihall, SSIC and the members of SSIC are entitled, as of the effective date of this Agreement, to protection from contribution actions or claims for the actions or matters addressed by Section 3008(h) of RCRA and memorialized in this Agreement.

VI. Oversight Costs

If SBA and SSIC fulfill all obligations of this Agreement, EPA agrees it will not assert any claim against SBA or SSIC (or its members) for costs associated with oversight of work by EPA's RCRA Project Manager performed by SBA and/or SSIC under this Agreement.

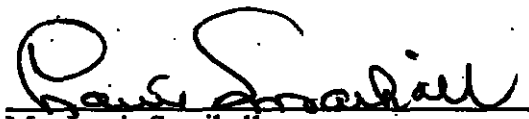
If either SBA chooses not to implement or SSIC chooses not to fund or assist in managing work pursuant to the SOW, EPA will evaluate its options (including issuance of Unilateral Orders under Sections 3008(h) or 7003 of RCRA or CERCLA remedial action) against all parties to ensure that concerns are properly addressed. If problems or unforeseen circumstances arise, the EPA will assist as needed to achieve a timely and effective remediation. EPA appreciates your cooperation in this matter. If you have any questions concerning the work required by this Agreement, please do not hesitate to contact Mr. Gene Keeper by any method previously indicated.

Sincerely yours,

A handwritten signature in cursive script that reads "Samuel Coleman, P.E." followed by "Acting" in a slightly larger, more stylized script.

Samuel Coleman, P.E.
Director
Compliance Assurance and
Enforcement Division

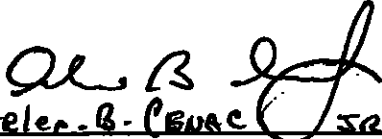
IT IS AGREED:



Mr. Louis Smaihall
Owner/President, SBA Shipyards, Inc.

Date: 11/21/02

IT IS AGREED:


Alexander B. Ceballos
Signature/Printed Name, Manager
SSIC Remediation, L.L.C.

Date: 11/14/02

Enclosure

cc: Lourdes Iturralde, LDEQ
Keith Horn, LDEQ-RSD
Michael Pisani, Michael Pisani and Associates

**August 15, 2001
Statement of Work
Accelerated Cleanup Action**

**SBA Shipyards, Inc.
Jennings, Louisiana**

Summary

This Statement of Work (SOW) describes Interim Measures to be performed at the SBA Shipyards, Inc. ("SBA"), site near Jennings, Louisiana ("the Site"). The Interim Measures described herein address removal and offsite thermal destruction of oils and the solidification & stabilization of oily sludges. These materials pose a potential risk of fire, explosion or release to the environment. The objective of these Interim Measures is to reduce that threat through the removal of these materials.

This SOW describes the framework and major work components by which the objective of these Interim Measures will be met. Detailed descriptions of key work components and/or tasks (e.g., treatability testing, water disposal, selection of offsite disposal facilities for solidified sludges, etc.) will be presented to the U.S. EPA in brief work plans for review and approval. For each key task, a brief work plan will be submitted at least ten working days prior to commencement of that task.

SBA will transport pumpable oils and oily materials from the site to an offsite permitted thermal destruction facility. Oils, waxes and oily sludges that are not acceptable to the thermal destruction facility will be solidified and stabilized in-situ, and the solidified/stabilized material will be transported offsite to a RCRA Subtitle D permitted landfill.

This SOW does not address ground water, nor does it address any impacted media stemming from site activities not directly associated with barge-cleaning activities conducted by SBA.

Site Description

The Site is located on the west bank of the Mermentau River at the end of Louisiana Highway 3166 (Castex Landing Road), approximately four miles southeast of Jennings, Louisiana and approximately two miles southwest of Mermentau, Louisiana. The SBA facility was used to construct, repair and clean barges and other marine vessels since the mid-1960s. The approximately 98-acre site is a predominantly open area on the banks of the Mermentau River.

Beginning in 1993, the portion of the site used to construct and repair barges and other marine vessels was leased to another firm; that firm has since acquired the leased portion of the SBA facility. The portion of the site used by SBA for "gas-free" barge cleaning activities is the portion of the site located south of the barge slip. A site map, showing major site features, is attached as Figure 1.

A mixture of oils and water resulting from past barge cleaning activities is contained in a number of aboveground steel tanks and vessels in the portion of the facility used for barge cleaning activities. A partially buried barge contains a number of compartments filled or partially filled with oil, water and small amounts of solids and/or sludges. In addition, an open earthen pit on the site contains oil, waxes, solids and/or sludges and water.

Scope of Work

This SOW describes only Interim Measures associated with the stabilization and/or removal of pumpable oils and oily sludges that were generated by SBA as part of barge-cleaning activities at the facility.

This SOW defines the scope of planned Interim Measures for addressing oils and oily sludges generated by barge-cleaning activities conducted by SBA, at its barge-cleaning facility near Jennings, Louisiana. The objective of the Interim Measures described herein is to minimize the potential for release of contaminants from the site by reducing the mobility, toxicity and volume of contaminated media.

The volume, mobility and toxicity of contaminated media will be reduced through the removal from the site of pumpable oils and oily material generated by previous barge cleaning activities conducted at the site. These pumpable oils and oily materials will be incinerated or otherwise thermally destroyed at an offsite, permitted facility.

The volume, toxicity and mobility of contaminants at the site will also be reduced through the stabilization/solidification and offsite disposal (as non-hazardous solid waste) of waxes and sludges generated by barge cleaning activities at the site. In the unlikely event that any material is not accepted for offsite disposal by a RCRA Subtitle D facility, it will be stabilized/solidified, consolidated onsite, and capped with a low-permeability polymer liner until appropriate measures for management and final disposition of the consolidated material can be determined.

A work plan with a definite schedule for final disposition of consolidated onsite materials will be submitted to U.S. EPA within 45 days after completion of the consolidation activities.

The scope of this SOW is performance of the Interim Measures described herein. The scope of the Interim Measures is limited to addressing pumpable oil mixtures, waxes, sludges and sludge-like soils generated by barge cleaning activities at the site.

Management of ground water and/or contaminated soils which may be associated with SBA's barge cleaning activities will be addressed in the future, after the Interim Measures described herein have been completed and evaluated with respect to Preliminary Remedial Goals for the site.

Preliminary Remedial Goals

Preliminary Remedial Goals (PRGs) for the Interim Measures described herein are the removal of oils and oily materials contained in tanks and land based units (i.e., earthen pits and landfarm) at the Site, the SBA South Operable Unit (SBA-SOU). These fluids and sludges contain hazardous constituents in concentrations great enough which present a potential risk of fire, explosion or release to the environment. The removal of these materials from the site will eliminate or mitigate against any such risk. Under these criteria, the site-specific PRGs are:

- Complete removal of oils and oily Principal Threat/Hazardous Wastes contained in all Site tanks or containers followed by decontamination. Removal & decontamination, will be followed by exhumation, if necessary, demolition, and cutting & scrapping of all tanks or containers. Details of decontamination, exhumation, if necessary, demolition, and cutting & scrapping of all tanks are presented in a section below.
- Removal of Principal Threat/Hazardous Wastes from the Site land based units (i.e., impoundments and landfarm) shall, at a minimum, be based upon visual observations of surface or subsurface staining and physical characteristics of the oily materials (i.e., viscosity, solids content and pumpability) not numerical concentration criteria for purposes of this Interim Measures Removal. Respondents may use as yet unidentified numerical PRGs for confirmatory sampling, once those PRGs are identified by respondents and agreed to by both EPA and Respondents. Removals will be performed on site Principal Threat/Hazardous Wastes in the earthen pit(s) and landfarm to a depth and laterally to where no visible staining is apparent or six inches below the interface between pit/landfarm sludges and underlying soils whichever is less but still at or above the water table. If the water table is encountered above the interface of pit sludges and underlying soils, removal shall occur only to the water table.

Guidelines for final disposition of removed materials are presented below:

- Offsite incineration of pumpable oil mixtures conforming to acceptance criteria of the incineration facility or facilities.
- Stabilization/solidification and offsite RCRA Subtitle D facility disposal of waxes/sludges and oil mixtures not conforming to acceptance criteria of the incineration facility or facilities.
- Stabilization/solidification and temporary onsite consolidation/containment of stabilized/solidified waxes/sludges and oil mixtures not conforming to acceptance criteria of the offsite RCRA Subtitle D facility or facilities. Ultimate disposition of the consolidated material will be determined through a focused feasibility study of appropriate management alternatives.

The Louisiana Risk Evaluation/Corrective Action Program (RECAP), promulgated June 20, 2000 at LAC 33:I.1307, *et seq.*, defines a tiered human health risk-based program for defining cleanup standards for contaminated sites, based on site-specific risk parameters, including current and future use of the site, site geometry, and site geology. The most current version of the Louisiana RECAP program or more stringent risk-based cleanup standards developed under RCRA, including ecological risk based standards, will be considered for any additional work at the site. That additional work may include the development of long-term remedial goals for the site which are protective of human health and the environment, including, but not limited to, the adjacent jurisdictional wetlands and Mermentau River aquifer or other as-yet unidentified ecological receptors.

Inventory of Oil Mixture

The site contains approximately one million gallons of a relatively solids-free oil mixture. This oil mixture consists of roughly 48% hydrocarbons, 50% water and 2% solids in a tightly bound and viscous, black oily emulsion. This material is contained in the partially buried barge/tank and other onsite tanks.

The estimated inventory of oil mixture is summarized in Table 1 (attached). The material inventory estimates provided in Table 1 are based on vessel dimension measurements, visual observations, and tank content measurements made by Michael Pisani & Associates, Inc. on May 3, 2001. The total estimated inventory of pumpable oil mixture is approximately 1.16 million gallons (approximately 27,650 barrels) in the six major vessels and 14 compartments of the partially buried barge/tank located at the site.

The waxes and sludges in the earthen pit may not meet the acceptance criteria of the offsite disposal facility (i.e., viscosity and solids content) and are not included in the inventory of pumpable oil mixture described herein. Based on data presented in the facility's *RCRA Facility Investigation Work Plan* (Woodward-

Clyde Consultants, Inc., October 1996), the estimated inventory of oily sludges in the earthen pit is approximately 1.5 million to 1.7 million gallons.

The volume of oil mixture transported offsite will be measured and recorded by the incineration facility or other facilities accepting the material from SBA. In addition, the transporter hauling the material will measure the size of each truckload transported from the site for billing purposes.

Removal and Offsite Disposal of Oil Mixture

Pumpable oil mixture will be:

1. Heated (if necessary to reduce viscosity);
2. Filtered through cartridge filters to remove large solids;
3. Loaded into tanker trucks (or onto barges, if feasible) for transport;
4. Manifested for transport, measured (by volume); then
5. Transported offsite for weighing and thermal destruction.

Rhodia, Inc. (Baton Rouge, Louisiana and Houston, Texas) accepted the oil mixture for conducting a trial burn. Based on the successful trial burn results, Rhodia has commenced incineration of the oil mixture on a full-scale basis. In addition, discussions with Safety-Kleen Corporation (Deer Park, Texas) are also in progress for Safety-Kleen to incinerate the oil mixture as well.

Scrapping Empty Vessels

As vessels at the Site (including the partially buried barge/tank) are emptied during the execution of these Interim Measures, the empty vessels will be exhumed, if needed, decontaminated, then cut up and sold as scrap metal or sold for reuse. Prior to scrapping or reuse, each empty vessel will be cleaned to remove residual oil and solids. Water and/or steam blowdown that accumulates in the vessel during cleaning will be collected in remaining tankage and managed with other site water, as described in a subsequent section of this SOW.

As the inventory of oily material is reduced, U.S. EPA will be notified of planned empty vessel scrapping activities at least ten working days prior to commencing the work. Decontamination and scrapping procedures will be described in a brief work plan submittal for EPA review and approval.

Stabilization of Waxes and Sludges

The waxes and sludges are contained in the open, onsite earthen pit. The earthen pit also contains water and may also contain small amounts of relatively solids-free oil mixture. The water in the earthen pit will be pumped out of the pit and disposed as discussed in the following section regarding water disposal.

Pumpable, relatively solids-free oil mixture from the earthen pit will be pumped to an onsite tank for management with the oil mixture sent offsite for incineration.

The remaining waxes, oily sludges, oily soils and any impacted soils found above the water table, will then be solidified/ stabilized *in situ* in the earthen pit using fly ash, portland cement and site soils. Optimal dosages and types of stabilization reagent will be determined by bench-scale treatability testing prior to full-scale implementation. The treatability study will include analyses of untreated materials, as well as laboratory analyses of treated materials.

Based on the bench-scale treatability testing results, optimal dosages and types of stabilization reagents will be added to the earthen pit, and the material will be mixed in-situ with a dragline or hydraulic excavator. Pending the results of the treatability study, soil may augment the solidification/stabilization process by increasing the solids content of the oily material, reducing the quantity of required binding reagent and improving the effectiveness of the pozzolanic binding reaction.

Soils will be excavated to a depth of approximately 18 inches from the approximately 100-foot by 200-foot former landfarm unit area west of the oil pit. The extent of excavation will be determined in the field by visual observations of soil staining. The landfarm soils will be solidified/stabilized with the contents of the oil pit.

The stabilized material will then be allowed to harden or cure over a period of several weeks. Precipitation or other accumulated water in the pit will be pumped off and managed as described in the Water Management section of this SOW.

After the stabilizing reactions are complete, the stabilized materials will be sampled and profiled for offsite disposal as non-hazardous, industrial solid waste. Upon acceptance by a permitted solid waste disposal facility, the stabilized material will be excavated and transported offsite for final disposal as solid waste or use as landfill cover material at a permitted RCRA Subtitle D landfill facility. For materials accepted by the RCRA Subtitle D facility, a Land Disposal Regulations (LDR) certification that the stabilized/solidified material does not exhibit hazardous waste characteristics will be prepared and signed by SBA's designated representative.

In the unlikely event that no RCRA Subtitle D facility will accept the stabilized/solidified material, appropriate alternative treatment or offsite disposal measures will be evaluated, depending upon the disqualifying characteristic of the material. A work plan for development of a feasibility study for final disposition of consolidated materials will be submitted to U.S. EPA within 45 days after completion of consolidation activities.

Brief work plans describing the treatability testing and waste testing procedures will be prepared and submitted to U.S. EPA for review at least ten working days prior to commencing the work.

Water Management

Water will be stored in either the partially buried barge or onsite tanks. At the appropriate time and depending upon water volumes and characteristics, the water will either be treated and discharged pursuant to Louisiana Department of Environmental Quality (LDEQ) authorization or transported offsite for treatment and disposal at a permitted commercial facility.

A brief work plan describing water management procedures will be prepared and submitted to U.S. EPA for review at least ten working days prior to commencing the work.

Interim Closure Measures

The emptied earthen pit will be backfilled using uncontaminated onsite soils. Nutrients (e.g., nitrogen-containing agricultural fertilizers) may also be added prior to backfilling and regrading excavated areas (e.g., the former pits). The nutrients will be entrained into the soil using a bulldozer and/or tractor-pulled disks, which will also aerate and mix the soil prior to compaction and regrading. Details of the backfilling operation and nutrient addition will be produced in a separate workplan for approval by the EPA.

Based on waste profile sampling and analytical results from samples of stabilized and solidified materials, any material not accepted by the offsite disposal facilities will be stabilized/solidified and consolidated onsite. Consolidated materials will be confined to as small an areal footprint as is practicable, depending upon material volume, design of adequate top and side slopes for surface drainage and slope stability, and other pertinent design factors. As a current concept, the material will be consolidated aboveground, compacted and capped with a low-permeability polymer liner to minimize surface water infiltration for interim staging/storage while decisions for ultimate disposal are made. Excavated areas will be backfilled and compacted. The surfaces of backfilled areas will be graded for proper surface drainage and seeded with native grasses.

A brief work plan describing interim closure measures will be prepared and submitted to U.S. EPA for review at least ten working days prior to commencing the work.

Site Health and Safety

Site activities will be performed in accordance with procedures described in the site-specific health and safety plan developed as Appendix A of *Interim Site Stabilization Measures Work Plan* (Woodward-Clyde Consultants, Inc., October 1996). During stabilization/solidification activities conducted at the site, fence-line ambient air monitoring of airborne particulates will be performed to monitor potential human health effects to site workers and offsite personnel. Air monitoring limits shall be established protective of off-site personnel. Work modification or stoppage shall be implemented as needed to maintain off-site protectiveness.

Reporting

As the Interim Measures described herein are implemented, monthly progress reports will be submitted to U.S. EPA, documenting the implementation of the Interim Measures described herein, including the removal and offsite disposal of oil mixture. Each monthly progress report will describe (for the reporting period) activities performed, upcoming planned tasks, problems encountered and measures taken to correct those problems. Air monitoring limits shall be established protective of off-site personnel. Work modification or stoppage shall be implemented as needed to maintain off-site protectiveness.

As described previously herein, brief work plans will be submitted for U.S. EPA review at least ten working days prior to commencement of the following key tasks:

- Scrapping of Empty Vessels
- Stabilization of Waxes and Sludges
- Water Management
- Interim Closure Measures
- Area of Contamination Consolidation (if required).

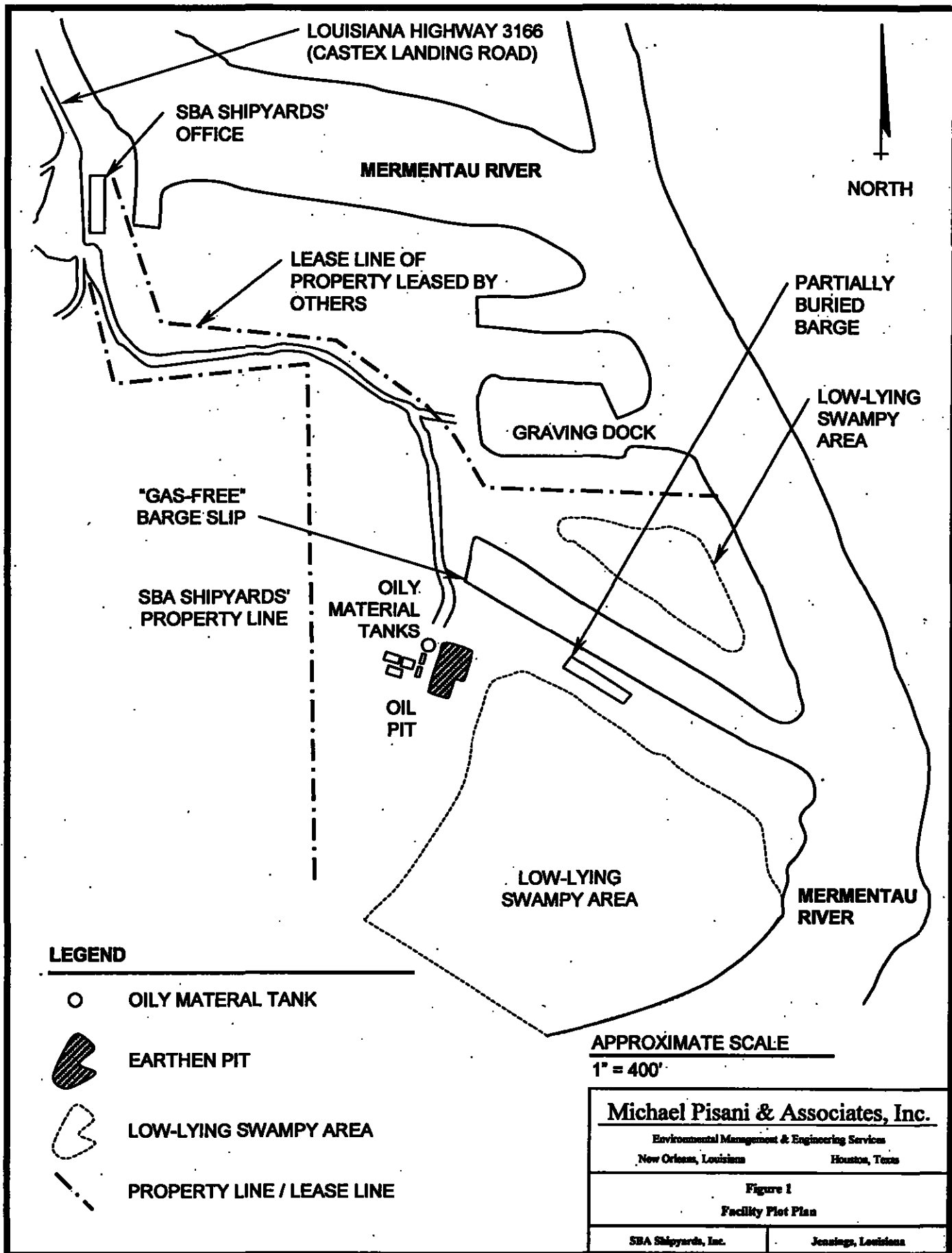


Table 1
Pumpable Oily Material Inventory
May 3, 2001

SBA Shipyards, Inc.
Jennings, Louisiana

Tank or Impoundment	Estimated Maximum Capacity		Observed Depth of Contents ^(u)	Estimated Material Inventory			Visual Observations ^(u)
	(gallons)	(barrels)		(gal)	(barrels)	(pounds) ^(u)	
Selected Tanks							
Tank AT-1	17,042	406	52"	9,814	234	81,898	Horizontal cylindrical tank (mostly water).
Tank AT-2	17,042	406	77"	13,703	326	114,352	Horizontal cylindrical tank (2" sludge layer on bottom).
Tank WT-1	106,837	2,544	85"	88,561	2,109	739,044	Very thick oil.
Tank WT-2	111,482	2,654	70"	77,553	1,847	647,183	24" sludge layer on bottom.
Tank WT-3	109,159	2,599	93"	93,998	2,238	784,416	36" sludge layer on bottom.
Tank ST-1	420,000 ^(c)	10,000	9' - 10" ^(d)	99,474	2,368	830,111	38' high vertical cylindrical tank.
Total	781,562 gallons	18,609 barrels		383,104 gallons	9,122 barrels	3,197,003 pounds	
Former Barge (OT-4)							
Bow Rake Tank	26,853	639	56"	20,862	497	174,093	Very thick oil (2" sludge layer on bottom).
Deck Tank S	Not Measured	Unknown	Empty	Negligible	Negligible	Negligible	Dry, some rust scale.
Deck Tank P	Not Measured	Unknown	6"	Negligible	Negligible	Negligible	Oil, no visible water.
Compartment 1S	75,054	1,787	118"	65,659	1,563	547,924	
Compartment 1P	75,054	1,787	119"	64,874	1,545	541,374	
Compartment 2S	71,808	1,710	78"	58,344	1,389	486,881	
Compartment 2P	71,808	1,710	78"	58,344	1,389	486,881	
Compartment 3S	100,279	2,388	111"	84,325	2,008	703,692	
Compartment 3P	100,279	2,388	111"	84,325	2,008	703,692	
Compartment 4S	100,279	2,388	114"	86,604	2,062	722,710	
Compartment 4P	100,279	2,388	114"	86,604	2,062	722,710	
Compartment 5S	86,908	2,069	115"	75,689	1,802	631,625	
Compartment 5P	86,908	2,069	114"	75,057	1,787	626,351	
Aft Trim Tank	18,388	438	112"	17,447	415	145,595	
Total	913,897 gallons	21,759 barrels		778,134 gallons	18,527 barrels	6,493,528 pounds	
Grand Total	1,695,459 gallons	40,368 barrels		1,161,238 gallons	27,649 barrels	9,690,531 pounds	

NOTES:

- (a) Based on bulk density of 8.345 pounds/gallon.
(b) MP&A site visit (May 3, 2001).
(c) According to Mr. Louis Smailhall, the total volume is 10,000 barrels (420,000 gallons).
(d) Measurement read from permanently installed float gauge on tank.

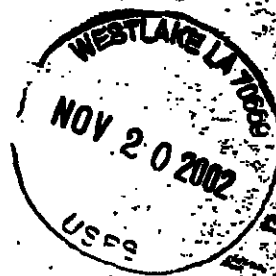
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3219 FROM ZIP CODE 70669





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

RE
RR
TBE
ALW

December 12, 2002

VIA CERTIFIED MAIL - RETURN RECEIPT REQUESTED: 7000 0520 0022 2560 7567

Mr. Louis Smaihall
Owner/President
SBA-Shipyards, Inc.
P.O. Box 1386
Jennings, LA 70546

RECEIVED

DEC 17 2002

OFFICE OF
ENVIRONMENTAL COMPLIANCE

Re: Transmittal of Executed and Filed Order and Agreement ("Agreement") for Interim Measures/Removal Action ("IM/RA") of Hazardous/Principal Threat Wastes at SBA Shipyards, Inc., Jennings, LA, EPA ID No. LAD008434185 ("SBA") pursuant to Section 3008(h) of the Resource Conservation and Recovery Act ("RCRA"), 42 U.S.C. § 6928(h). Docket No. RCRA-6-2002-0908.

Dear Mr. Smaihall:

I am transmitting a copy of the Agreement dated December 9, 2002, for your records. At this time I am also requesting summary information which you have developed relating to the customers of SBA. This would include but not be limited to the circa 1996 letter from your counsel of the time to SBA customers in which SBA requests funding support for remedial activities at the SBA facility from approximately twenty-two (22) current and former customers.

Should you have any further questions, please feel free to contact me at (214) 665-2280 or by any other means noted in the Agreement.

Sincerely yours,

Gene Keepper
Gene Keepper, CHMM
RCRA Project Manager
Technical Section (6EN-HX)

Enclosures

cc: Michael A. Chernekoff, Esq.
Michael Pisani, MP&A
Lourdes Iturralde, LDEQ
Keith Horn, LDEQ-RSD



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

December 12, 2002

VIA CERTIFIED MAIL - RETURN RECEIPT REQUESTED: 7000 0520 0022 2560 7550

SSIC Remediation, L.L.C.
c/o Atty. Michael A. Chernekoff
Jones Walker
201 St. Charles Avenue, 50th Floor
New Orleans, LA 70170-5100

Re: Transmittal of Executed and Filed Order and Agreement ("Agreement") for Interim Measures/Removal Action ("IM/RA") of Hazardous/Principal Threat Wastes at SBA Shipyards, Inc., Jennings, LA, EPA ID No. LAD008434185 ("SBA") pursuant to Section 3008(h) of the Resource Conservation and Recovery Act ("RCRA"), 42 U.S.C. § 6928(h). Docket No. RCRA-6-2002-0908.

Dear Mr. Chernekoff:

I am transmitting a copy of the Agreement dated December 9, 2002, for your records and the records of SSIC Remediation. As we have previously discussed, I will await a written response from your office which includes: a member listing of the Limited Liability Corporation SSIC Remediation, which includes designation of corporate representation by those members; the articles of incorporation for SSIC Remediation, L.L.C.; and the full listing of SBA Shipyards, Inc. customers, to the best of the knowledge of SSIC.

Should you or members of SSIC have any further questions, please feel free to contact me at (214) 665-2280 or by any other means noted in the Agreement.

Sincerely yours,

A handwritten signature in black ink that reads "Gene Keepper".

Gene Keepper, CHMM
RCRA Project Manager
Technical Section (6EN-HX)

Enclosures

cc: Michael Pisani, MP&A
Louis Smaihall, SBA
Lourdes Iturralde, LDEQ
Keith Horn, LDEQ-RSD

DEQ Document Transmittal

Please fill out completely and attach to document prior to sending to be scanned.

Agency Interest Number And/Or Alternate Number

1478

incoming correspondence

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| <input type="checkbox"/> Assistance - Comm Ind. Relations | <input type="checkbox"/> OSEC - Special Projects |
| <input type="checkbox"/> Assistance - Recycling and Litter | <input type="checkbox"/> Permits - Air |
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| <input type="checkbox"/> Compliance - NE Region | <input type="checkbox"/> Permits - Radiation |
| <input type="checkbox"/> Compliance - NW Region | <input type="checkbox"/> Permits - Registrations, Certifications, Notifications |
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Deliver to Room 1400

Revised 6/26/2001